

Datasheet AIPromatectL



Mineral bonded, lightweight non-combustible steam-cured calcium silicate board with moisture resistant properties. Suitable for the fire-resistant protection of steel columns and beams and the realization of wall, shaft wall and ceiling constructions with a fire separating function, which must also meet certain requirements with regard to moisture resistance.

Application

Fire-resistant cladding of steel beams, ceilings, walls and shaft closures.

Material

Mineral bonded, lightweight non-combustible steam-cured calcium silicate

Availability

	Value	Unit
Sheet thickness	15, 20, 25, 30, 40, 50	mm
Sheet size	1200x2500/3000	mm

AIPromatectL - Specifications

Physical properties

	Test standard	Value	Unit
Thermal conductivity		0,083	W/m ^{°K}
Water absorption at 23 °C		0,77	g/cm ³

Mechanical properties

	Test standard	Value	Unit
Tensile strength		1,3	N/mm ²
Bending strenght		> 1,7	MPa
Compressive strenth perpendicular		2,4	N/mm ²

Thermal properties

	Test standard	Value	Unit
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Friction properties

	Test standard	Value	Unit
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Electrical properties

	Test standard	Value	Unit
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